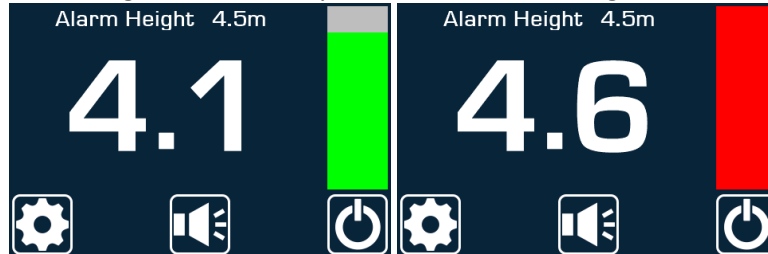# Vehicle Height Alarm (VHA)

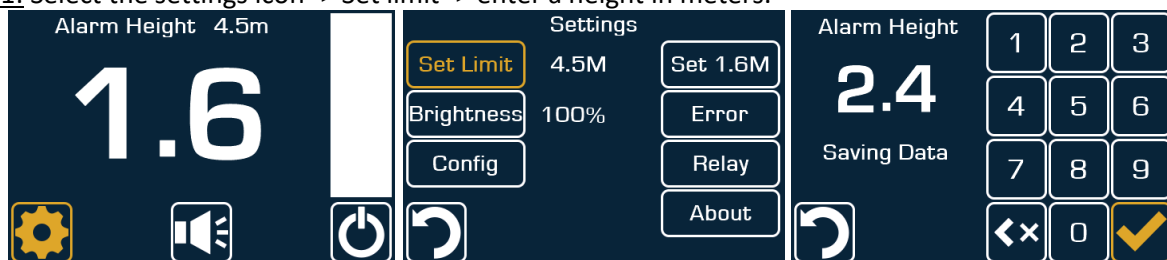Harvest Electronics

General use and Settings

Main screen:

The main screen displays the alarm height at the top, Current height in the centre and bar on the right to give a visual indication of the current height between fully lowered and alarm height.

Set Alarm Height:

Option 1: Select the settings icon -> Set limit -> enter a height in meters.

Option 2: Raise the bed to the desired set height -> select the settings icon -> Select set to current height.

Mute:

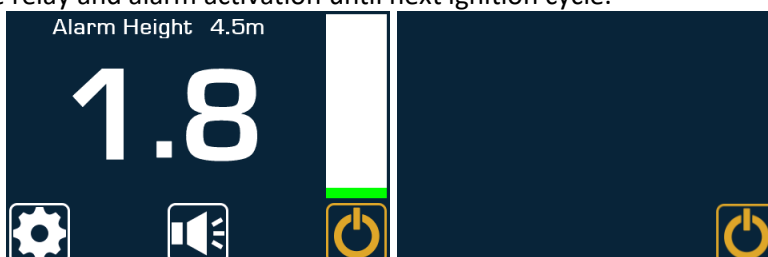Select the speaker icon in the bottom centre of the main screen.
The alarm will mute for 5 minutes.

Power On / Off:

Select the power icon in the bottom right corner on the main screen.
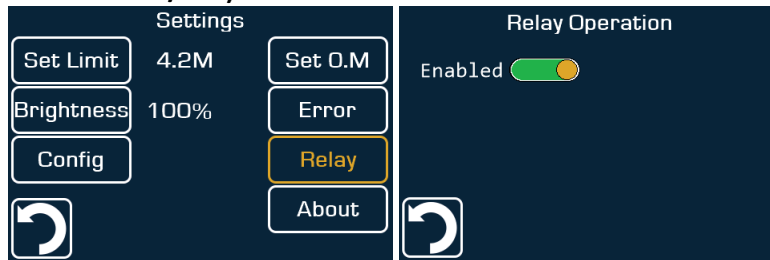Powering off will disable relay and alarm activation until next ignition cycle.

VHA operating instructions v2.0
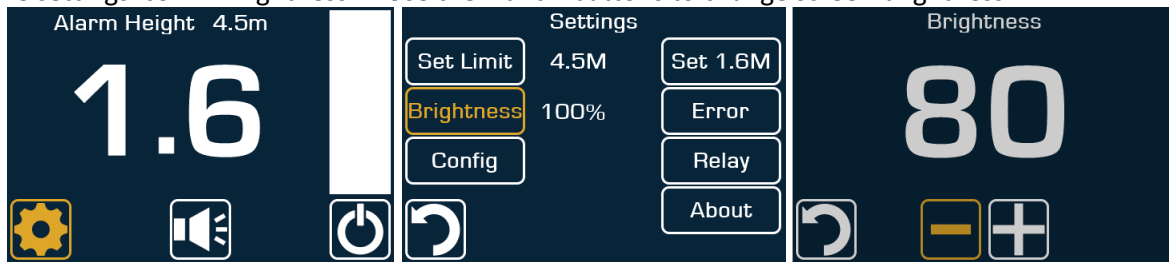
General use and Settings

Relay Operation:

Select the settings icon -> Relay -> Enable or disable.

The relay will operate while the current height is above the alarm height unless the relay is disabled, or the display is powered off (See **Power On / Off).**
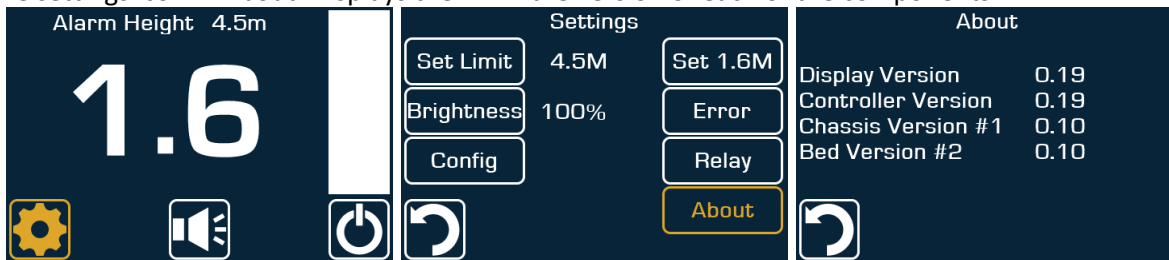
Screen Brightness:

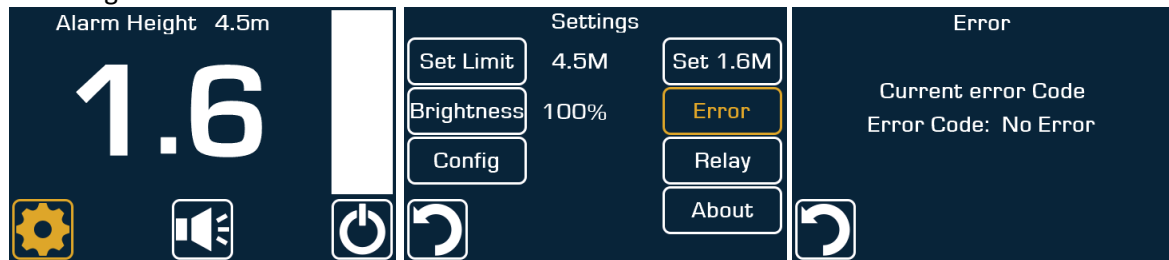Select the settings icon -> Brightness -> Use the + and - buttons to change screen brightness.

About:

Select the settings icon -> About. Displays the firmware version of each of the components.

Error Messages:

Select the settings icon -> Error.

Error codes

Error code	Explanation	Likely fault
NO_ERR	No faults found.	
MSetMis1, MSetMis2, MSetMis12	No module with address 1 or 2 found.	Modules incorrectly addressed.
M1Time	No communication with module 1.	Wiring fault between controller and module 1.
M2Time	No communication with module 1.	Wiring fault between module 1 and module 2.
MxCAL_ERR, MxORI_V0, MxORI_F0, MxORI_VH, MxORI_FH	All or some calibration settings not found.	Calibration has not been completed.